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Docket No.: M-7260 US

May 17, 1999



Enclosed herewith for filing is a patent application, as follows:

Inventor(s):

Springer, David S.; Zucker, Brian T.

Title:

Method And Apparatus For Tracking Banner Advertising

- 6 Sheet(s) of Drawings
- 10 page(s) Specification
- 5 page(s) Claims
- 1 page Abstract
- 3 page(s) Declaration/Power of Attorney
- 1 page(s) Recordation Cover Sheet (in duplicate)
- l page(s) Assignment
- 1 page(s) PTO Form 1449

CLAIMS AS FILED (fees computed under §1.9(f))

<u>For</u>	Number <u>Filed</u>			Number Extra		Rate		\$ Basic Fee <u>760.00</u>
Total Claims	24	-20	=	4	X	\$18		\$ 72.00
Independent Claims	3	-3	=	0	х	\$78	=	\$ 0.00
	on contains of the claims (\$2)							\$ 0.00

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Fee for filing the patent application in the amount of

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A Return Post Card and this sheet in duplicate are enclosed.

EXPRESS MAIL LABEL NO:

EL153099469US

Respectfully submitted,

Ken J. Koestner

Attorney for Applicant(s)

Reg. No. 33,004



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"Express Mail" mailing label number:

EL153099469US

METHOD AND APPARATUS FOR TRACKING BANNER ADVERTISING

David S. Springer; Brian T. Zucker

BACKGROUND OF THE INVENTION

5 Cross-reference to Related Application

This application relates to co-pending United States Patent Application Serial No. XXXXXXX filed on October 9, 1998 entitled System and Method for Identification and Streamlined Access to Online Services, naming David S. Springer as inventor. The co-pending application is incorporated herein by reference in its entirety, and is assigned to the assignee of this invention.

Field of the Invention

The present invention relates generally to computer systems and more particularly to a method, computer system and apparatus for tracking banner advertising.

15 Description of the Related Art

Personal computer systems have attained widespread use. A personal computer system, such as a DELL® personal computer system, can usually be defined as a desktop or portable microcomputer that includes a system unit having a system processor or central processing unit (CPU) with associated memory, a display panel, a keyboard, a hard disk storage device or other type of storage media such as a floppy disk drive or a compact disk read only memory (CD ROM) drive. These personal computer systems are information handling systems which are designed primarily to give independent computing power to a single user or group of users.

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Many computer users purchase computer systems that provide means to access the internet or so-called "worldwide web". The worldwide web provides useful information to many computer users as well as banner advertising that is displayed on a computer users' computer screen. Generally, banner advertising is provided from a web server to a computer user. The particular advertising that is provided to the computer user is paid for by a party to a party associated with providing the advertising. The computer user that sees the banner advertising does not participate in any revenue associated with the banner advertising. What is needed is a method and computer system that allow a computer user to receive a benefit from viewing banner advertising.

SUMMARY OF THE INVENTION

A method and computer system is provided that allows a computer user to benefit from viewing banner advertising. One embodiment provides a method for allowing a computer user to benefit from viewing banner advertising by providing incentives for information transmitted to and from a computer server. The method also provides for tracking information provided to a computer user from a server, providing an identifier for a computer system associated with the computer user, the identifier identifying the computer system, providing at least one database associating the identifier with the computer user and information specific to the computer user, transmitting the identifier to the server, the server affiliated with the at least one database, transmitting the information to the computer system that is specific to the identifier, and logging the transmittal of the identifier in one of the at least one database.

Another embodiment includes a computer system with a processor, a memory

device coupled to the processor, and an identifier for a computer system associated
with a computer user, the identifier identifying the computer system, the identifier
capable of being transmitted to a server, the server affiliated with at least one database
that associates the identifier with the computer user and information specific to the
computer user, the server tracking the transmittal of the identifier.

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Another embodiment includes a system for tracking information transmitted by and to a computer user, the system including means for providing an identifier for a computer system associated with the computer user, the identifier identifying the computer system, at least one database associating the identifier with the computer user and information specific to the computer user, means for transmitting the identifier to a server, the server affiliated with the at least one database, means for transmitting the information to the computer system that is specific to the identifier, and means for logging the transmittal of the identifier in one of the at least one database.

10 BRIEF DESCRIPTION OF THE DRAWINGS

The present invention may be better understood, and its numerous objects, features, and advantages made apparent to those skilled in the art by referencing the accompanying drawings.

- FIG. 1 is a block diagram of a personal computer system in accordance with an embodiment of the present invention.
- FIG. 2, labeled "prior art", is a flow diagram illustrating a known method of providing banner advertising on the worldwide web.
- FIG. 3 is a flow diagram illustrating a method of tracking and providing banner advertising and other information on the worldwide web according to an embodiment of the present invention.
- FIG. 4 is a flow diagram illustrating a method of providing and tracking banner advertising and other information in accordance with an embodiment of the present invention.
- FIG. 5 is flow chart illustrating a method of automatically tracking banner advertising supplied to a computer user.

FIG. 6 is a flow diagram illustrating an alternate method of providing and tracking banner advertising and other information in accordance with an embodiment of the present invention.

The use of the same reference symbols in different drawings indicates similar or identical items.

DETAILED DESCRIPTION

Referring now to Fig. 1, a computer system 150 is shown consistent with an embodiment of the present invention that includes a processor 100, and a memory 110 coupled to the processor 100 via local bus 120.

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Local bus 120 includes conventional data, address and control lines conforming to a standard external high speed microprocessor bus. Main system memory 110 may include dynamic random access memory (DRAM) modules coupled to local bus 120 by a memory controller 130. Main memory 110 stores application programs and data for execution by processor 100.

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Basic Input/Output System (BIOS) software 115 is stored in nonvolatile memory BIOS ROM 105. BIOS 115 is a microcode software interface between an operating system or application programs and the hardware of computer system 150. The operating system and application programs access BIOS 115 rather than directly manipulating I/O ports and control words of the specific hardware. BIOS 115 is accessed through an interface of software interrupts and contains a plurality of entry points corresponding to the different interrupts. In operation, BIOS 115 is loaded from BIOS ROM 105 to memory 110 and is executed from memory 110.

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A bus interface controller or expansion bus controller 135 couples local bus 120 to an expansion bus 140, thereby coupling both the memory 110 and processor 100 to expansion bus 140. Expansion bus 140 is coupled to I/O controller 175 which is coupled to and controls the operation of output media and devices, including hard

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drive 180, floppy drive 185, keyboard 190 and mouse 195. Additionally, I/O controller 175 operates to control data transfer on the expansion bus 140.

In accordance with an embodiment of the present invention, the hard drive 180 of computer system 100 holds applications specific to the computer user, and optionally, specific to the computer system. In one embodiment, the applications are installed on the hard drive 180, or in firmware, for example, BIOS ROM 105. In another example, a web page includes a software application program can install information on the hard drive 180 associated with the application.

The application program serves multiple purposes. The purposes include requesting an advertisement by transmitting a key identifier and possibly displaying the advertisement on the computer system. Alternatively, the application program disables the transmittal of advertisements, or provides information to a database concerning the types of advertisements a computer user desires to receive or, conversely, desires to avoid receiving.

Alternatively, if a computer system does not contain a unique key identifier associated with a database, the application program installs a unique key identifier corresponding to the computer user in the hard drive 180. Optionally, the computer system 100 already has a unique key identifier installed, which is transmitted when a computer user requests access to a server. For example the unique key identifier could be a unique ID from a microprocessor, a system code, a system code stored in nonvolatile memory or a unique code stored in a peripheral. Additionally, the software application program transmits the information from the computer user to a database, discussed in further detail below.

Referring now to Fig. 2, labeled "prior art", a flow chart **200** illustrates a method showing how advertisements typically reach computer user **215** via the worldwide web. Advertisers **210** pay advertisement brokers AD BROKERS **230** to place banner advertisements on the worldwide web. Advertisement brokers **230** also receive advertisement requests AD REQ **260** from worldwide web servers WWW

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SERVERS **290** when a worldwide web server needs an advertisement for a computer user **215**.

The advertisement brokers receive many ads from a plurality of advertisers. Therefore, an automatic bidding system 240 determines which advertisements of the lists of advertisements 230 should sent to a given computer user 215. Additionally, the automatic bidding system determines when an advertisement should be transmitted. When an advertisement is bid upon and chosen, the advertisement is sent in step 280 to the computer user 215.

Referring now to Figs. 3, a simplified flow chart illustrates an embodiment of the present invention. Fig. 3 shows a method 300 for a computer user 310 to receive advertisements from a combination advertisement broker and server 320, which is optionally a web server. As shown, the computer user 310 transmits a unique key identification requesting an advertisement 330. In response, the combination advertisement broker and server 320 transmits an advertisement.

Instead of using a bidding procedure as described above relative to Fig. 2, the combination advertisement broker and server uses a procedure using database 350 to determine the advertisement that should be transmitted to the computer user 310. The database 350 keeps track of which advertisement to transmit to particular computer users 310. Additionally, database 350 keeps track of the number of times the database transmitted advertisements to a particular unique key identifier associated with a particular computer user 310.

Referring now to Fig. 3 and Fig. 4 in combination, a flow chart describes the transmission and request of advertisements in accordance with an embodiment of the present invention. Fig. 4 illustrates an embodiment in which a computer user 310 logs on to a combination advertisement broker/server 320 by logging on 410. Next at step 420, the computer system transmits a unique identifier and requests a banner advertisement to be displayed on the computer user 310 computer system 100. The combination advertisement broker/server 320 responds by transmitting an advertisement at step 430.

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Referring now to Fig. 5 in combination with Figs. 3 and 4, a method 500 describes tracking banner advertising displayed to computer user 310. After computer user 410 logs onto a server/advertisement broker 320, step 510 provides that the database 350 check for a unique key identifier. If a unique key identifier is discovered, step 520 provides that a counter associated with the server/advertisement broker 320 account for the presence of the unique key identifier. For example, a counter counting the number of times the database located a unique key identifier optionally increases by one. The number of times the database locates a particular unique key identifier optionally determines which advertisements to transmit to the computer user. Additionally, the number of times a database locates a particular unique key identifier optionally provides a tracking mechanism for pricing of advertisements and for provides a mechanism for determining bonus incentives to computer users associated with unique key identifiers. For example, a particular unique key identifier that receives a predetermined number of advertisements on a monthly basis optionally receives discounts on computer components from the combination server/advertisement broker.

Another function of step **520** is to have a database search and locate advertisements that match the criteria provided by the computer user during the querying procedure. The unique key identifier optionally provides an address location in a memory within the database locating information providing during querying of the computer user. This information provides a plurality of parameters for choosing appropriate advertisements for transmittal to the computer user in step **540**. If no matching criteria is found in step **520**, step **550** provides that either the database transmit generic advertisements that are not specific to the computer user, or that the database transmit no advertisements at all. For example, the querying procedure optionally provides that the computer user choose whether or not to receive banner advertising. If the computer user chooses to avoid advertisements, the database reflects this choice and does not transmit advertisements.

If at step **510** no unique key identifier is found, step **530** provides that the database initialize the software application program discussed above. The software

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application program then optionally queries the computer user to determine whether the computer user chooses to elect to receive banner advertisements and other information. In this regard the software application program optionally offers incentives encouraging the computer user to participate in receiving banner advertising and/or other information, including bonuses and discounts on a plurality of goods. Step 570 provides that the database decline from sending banner advertisements to the computer user should the computer user choose not to participate. Optionally, step 570 could also provide that if a computer user chooses not to participate, the database send other types of informational banners other than banner advertisements. For example, the database could be coupled to information centers that provide news flashes, stock exchange information, weather reports, or election results.

Step **560** could also provide that a computer user elect to receive informational banners in conjunction with banner advertisements. In this regard, a computer user could receive bonus rewards related to the informational banners chosen.

If at step **560** the computer user elects to receive banner advertisements, or informational banners in conjunction with banner advertisements, step **560** provides that the database store the unique key identifier, then return to step **510**, where the method provides for a search of the database for a unique key identifier.

FIG. 6 represents another method **600** for tracking banner advertisements and other information. Unlike the method described in FIG. 3, FIG. 6 shows a method wherein the server **650** and the advertisement broker **630** are not the same. Accordingly, instead of a combination advertisement broker and server transmitting advertisements, the server **650** receives a request for an advertisement **640** from a computer user **610** and the server **650** then transmits an advertisement **660**. Simultaneously, the identifier discussed above is transmitted in step **620** to the advertisement broker **630**. As in the above-described embodiments, the advertisement broker **630** logs the transmittal of the identifier in a database, thereby tracking the banner advertisements. The server **650** transmits an advertisement or other

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180 of the computer user 610, or using information stored in a database associated with either the server 650 or the advertisement broker 630. After receiving the information or advertisements, the computer system of the computer user 610 transmits a confirmation of advertisement or information receipt 620 to the advertisement broker 630.

The method 600 of providing a separate advertisement broker 630 advantageously allows revenue sharing among other entities for transmittal of advertisements and information to a computer user 610. For example, advertisements and information specific to a computer user 610 could be brokered through alternate sources allowing more diverse advertisements and information to be transmitted to the computer user 610. Additionally, the method 600 advantageously allows bifurcation of advertisements, i.e., some advertisements could be bid upon in accordance with the prior art method of Fig. 2, and other advertisements could forgo the bidding procedure by having the server 650 transmit other advertisements and information to the computer user 610 outside of the bidding procedure.

Although particular embodiments of the present invention have been shown and described, it will be obvious to those skilled in the art that, based upon the teachings herein, changes and modifications may be made without departing from the embodiments of this invention and its broader aspects. Therefore, the appended claims are to encompass within their scope all such changes and modifications as are within the true spirit and scope of this invention. Furthermore, it is to be understood that the invention is solely defined by the appended claims. It will be understood by those within the art that if a specific number of an introduced claim element is intended, such an intent will be explicitly recited in the claim and, in the absence of such recitation, no such limitation is present. For a non-limiting example, as an aid to understanding, the following appended claims may contain usage of the introductory phrases "at least one" and "one or more" to introduce claim elements. However, the use of such phrases should <u>not</u> be construed to imply that the introduction of a claim element by the indefinite articles "a" or "an" limits any particular claim containing

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such introduced claim element to inventions containing only one such element, even when same claim includes the introductory phrases "one or more" or "at least one" and indefinite articles such as "a" or "an"; the same holds true for the use of definite articles used to introduce claim elements.

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WHAT IS CLAIMED IS:

1	1. A method of tracking information provided to a computer system from
2	a server, the method comprising:
3	providing an identifier identifying the computer system;
4	providing at least one database associating the identifier with information
5	specific to a computer user associated with the computer system;
6	transmitting the identifier to the server, the server affiliated with the at least
7	one database;
8	transmitting the information to the computer system that is specific to the
9	identifier; and
10	logging the transmittal of the identifier in one of the at least one database.
1	2. The method of Claim 1 wherein the logging the transmitting of the
2	identifier further includes:
3	incrementing a counter associated with the identifier.
1	3. The method of Claim 1 further comprising:
2	providing that the information transmitted to the computer system includes at
3	least one of advertisements, informational data, advertisements specific
4	to the computer user, and informational data specific to the computer
5	user.
1	4. The method of Claim 1 further comprising:
2	providing that the server is one of an advertisement broker, a server hosting
3	advertisements, and a server hosting advertisements and informational
4	data.
1	5. The method of Claim 1 further comprising:
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2	providing an application program;

3	if the computer system does not contain a preexisting identifier associated with
4	the at least one database, querying the computer user as to information
5	specific to the computer user; and
6	storing the information in one of the at least one database.
1	6. The method of Claim 1 wherein the transmitting the identifier includes:
2	requesting access to the server by the computer user via the worldwide web;
3	and
4	transmitting the identifier when the computer user requests access from the
5	server.
1	7. The method of Claim 1 further comprising:
2	when the server receives an identifier, checking the at least one database for
3	the identifier;
4	if the identifier is not found, querying the computer user as to whether the
5	computer user desires to participate in receiving the information from
6	the server;
7	if the computer user desires to participate, building one of the at least one
8	databases that associates the identifier with the computer user;
9	if the identifier is found in the at least one database, searching for matching
10	information unique for the identifier and for the computer user;
11	if matching information is found, transmitting the information unique for the
12	identifier and for the computer user to the computer user from the
13	server;
14	if no matching information is found, transmitting one of generic information
15	and no information; and
16	logging the transmittal of the identifier in one of the at least one database.
1	8. The method of Claim 1 wherein the identifier is one of a system code,

8. The method of Claim 1 wherein the identifier is one of a system code, a system code stored in nonvolatile memory, a unique ID from a microprocessor, a unique ID from a peripheral device and a unique identifier stored on a hard drive.

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1	9. The method of Claim 1 wherein the information unique to the
2	computer user includes one of incentives, bonuses and discounts on a plurality of
3	goods.

- 10. A computer system comprising: 1
- 2 a processor;
- a memory device coupled to the processor; 3
- an identifier for a computer system associated with a computer user, the identifier identifying the computer system, the identifier capable of 5 being transmitted to a server, the server affiliated with at least one 6 database that associates the identifier with the computer user and 7 8 information specific to the computer user, the server tracking the 9 transmittal of the identifier.
 - 11. The computer system of Claim 10, further comprising: an application program that queries the computer user to obtain data for associating information specific to the computer user for transmittal, the application program storing the data in the at least one database and associating the identifier with the data.
- 12. The computer system of Claim 10 wherein the server is accessible to 2 the computer user via the worldwide web.
- 1 13. The computer system of Claim 10 wherein the information specific to 2 the computer user includes at least one of advertisements, informational data, 3 advertisements specific to the computer user, and informational data specific to the 4 computer user.
- 1 14. The computer system of Claim 10 wherein the server increments a counter each time the identifier is received by the server. 2

1	15.	The computer system of Claim 10 wherein the database is affiliated
2	with an adver	tisement broker that is also affiliated with the server, the advertisement
3	broker receiv	ing the identifier and logging the transmittal of the identifier in a
4	database to tr	ack the transmittal of information specific to the computer user.
1	16.	The computer system of Claim 10 wherein the identifier is one of a
2	system code,	a system code stored in nonvolatile memory, a unique ID from a
3	microprocess	or, a unique ID from a peripheral device and a unique identifier stored on
4	a hard drive.	
1	17.	A system for tracking information transmitted by and to a computer
2	user, the syst	em comprising:
3	means	s for providing an identifier for a computer system associated with the
4		computer user, the identifier identifying the computer system;
5	at leas	st one database associating the identifier with the computer user and
6		information specific to the computer user
7	means	s for transmitting the identifier to a server, the server affiliated with the at
8		least one database;
9	means	s for transmitting the information to the computer system that is specific
10		to the identifier; and
11	means	s for logging the transmittal of the identifier in one of the at least one
12		database.
1	18.	The system of Claim 17 further comprising:
2	a cou	nter, the counter incrementing upon at least one of the transmittal of the

identifier to the server and the transmittal of information to the

computer system.

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1	19.	The system of Claim 17 wherein:		
2	the in	formation transmitted to the computer system includes at least one of		
3		advertisements, informational data, advertisements specific to the		
4		computer user, and informational data specific to the computer user.		
1	20.	The system of Claim 17 wherein:		
		•		
2	the se	rver is one of an advertisement broker, a server hosting advertisements,		
3		and a server hosting advertisements and informational data.		
1	21.	The system of Claim 17 further comprising:		
2	an app	olication program, the application program querying the computer user as		
3		to information specific to the computer user if the computer system		
4		does not contain a preexisting identifier associated with the at least one		
5		database; and		
6	means	for storing the information in one of the at least one database.		
1	22.	The system of Claim 17 wherein the server is accessible to the		
2	computer use	r via the worldwide web.		
1	23.	The system of Claim 17 wherein the information specific to the		
		•		
2	-	r includes at least one of advertisements, informational data,		
3	advertisement	ts specific to the computer user, and informational data specific to the		
4	computer use	r.		
1	24.	The system of Claim 17 wherein the identifier is one of a system code,		

a system code stored in nonvolatile memory, a unique ID from a microprocessor, a

unique ID from a peripheral device and a unique identifier stored on a hard drive.

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ABSTRACT OF THE DISCLOSURE

A method and computer system is provided that allows a computer user to benefit from viewing banner advertising. One embodiment provides a method for allowing a computer user to benefit from viewing banner advertising by providing incentives for information transmitted to and from a computer server. The method also provides for tracking information provided to a computer user from a server, providing an identifier for a computer system associated with the computer user, the identifier identifying the computer system, providing at least one database associating the identifier with the computer user and information specific to the computer user, transmitting the identifier to the server, the server affiliated with the at least one database, transmitting the information to the computer system that is specific to the identifier, and logging the transmittal of the identifier in one of the at least one database. Another embodiment includes a computer system with a processor, a memory device coupled to the processor, and an identifier for a computer system associated with a computer user, the identifier identifying the computer system, the identifier capable of being transmitted to a server, the server affiliated with at least one database that associates the identifier with the computer user and information specific to the computer user, the server tracking the transmittal of the identifier.

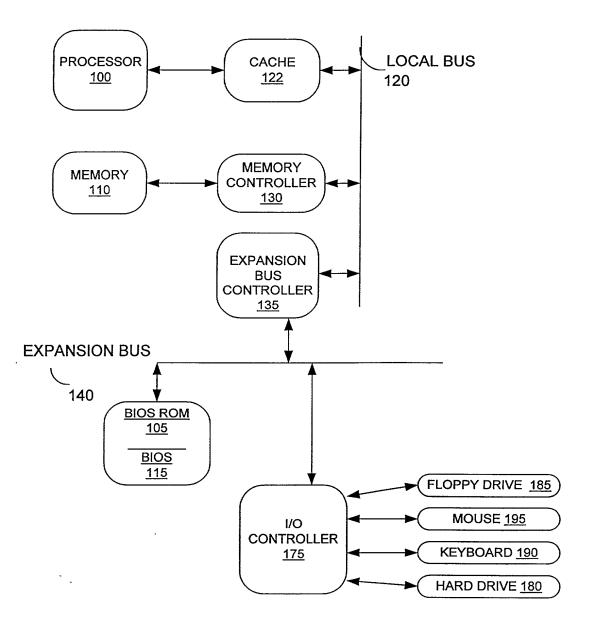


Figure 1

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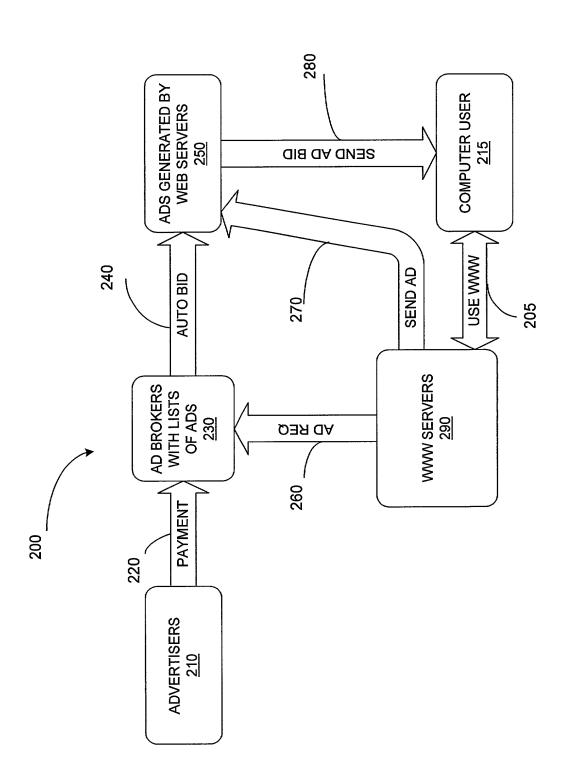


Figure 2 "Prior Art"

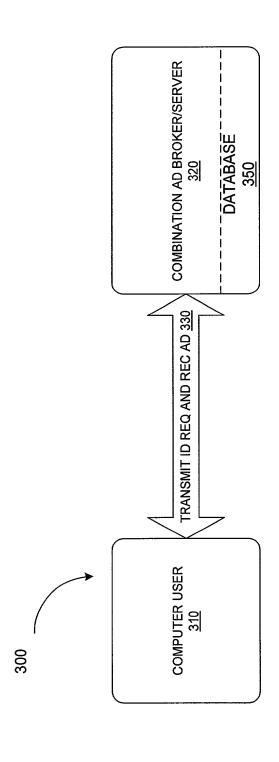


Figure 3

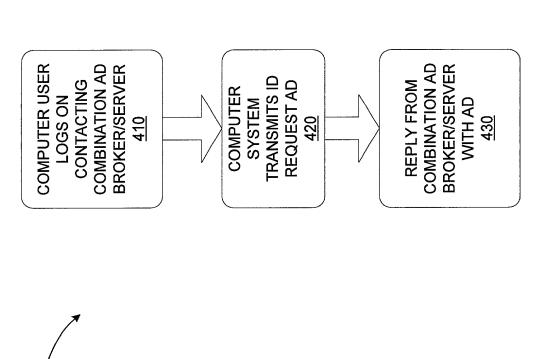
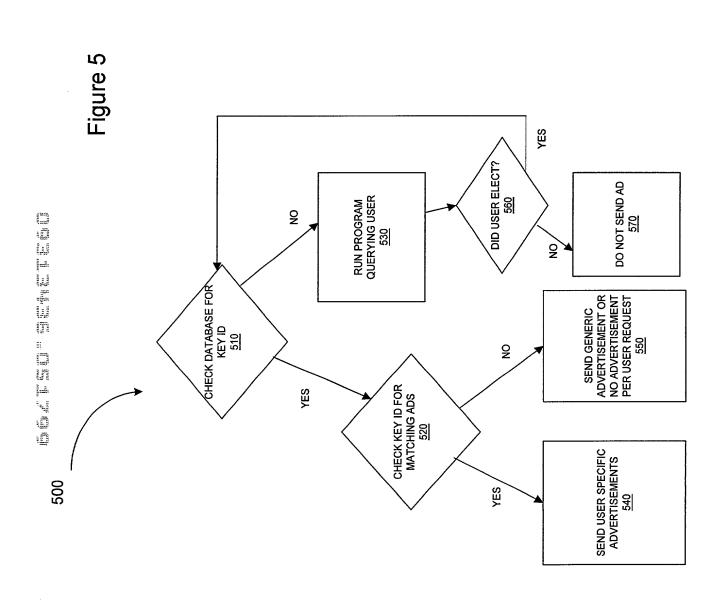


Figure 4



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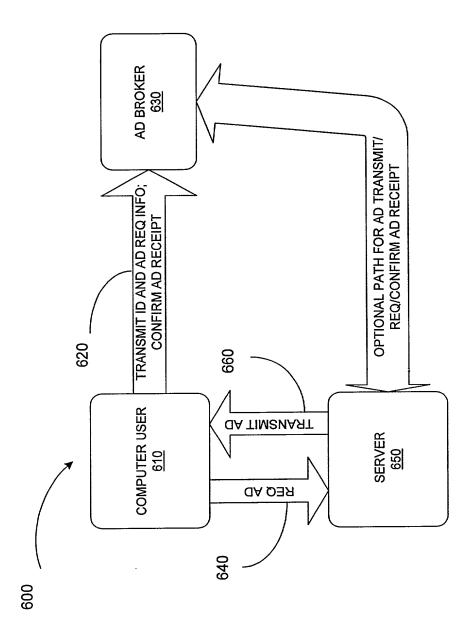


Figure 6

Attorney Docket No.: M-7260 US DC-01769

DECLARATION FOR PATENT APPLICATION AND POWER OF ATTORNEY

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below adjacent to my name.

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of subject matter (process, machine, manufacture, or composition of matter, or an improvement thereof) which is claimed and for which a patent is sought by way of the application entitled

Method And Apparatus For Tracking Banner Advertising						
and	which (check) ⋈ is attached hereto. ☐ and is amended by the Preliminary Amendment attached hereto. ☐ was filed on as Application Serial No					
□ and	was amended on (i	if applicable).				
I hereby state that I specification, including	I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above.					
I acknowledge the duty to disclose information, which is material to patentability as defined in Title 37, Code of Federal Regulations, § 1.56.						
I hereby claim foreign priority benefits under Title 35, United States Code, § 119(a)-(d) of any foreign application(s) for patent or inventor's certificate or any PCT international application(s) designating at least one country other than the United States of America listed below and have also identified below any foreign application(s) for patent or inventor's certificate or any PCT international application(s) designating at least one country other than the United States of America filed by me on the same subject matter having a filing date before that of the application(s) of which priority is claimed:						
	Prior Foreign Applica	tion(s)	Priority	Claimed		
Number	Country	Day/Month/Year Filed	Yes	No		
N/A						
I hereby claim the benefit under Title 35, United States Code, § 119(e) of any United States provisional application(s) listed below:						
Provisional App	lication Number	Filing Dat	te			
N/A						

I hereby claim the benefit under Title 35, United States Code, § 120 of any United States application(s) or PCT international application(s) designating the United States of America listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior application(s) in the manner provided by the first paragraph of Title 35, United States Code, § 112, I acknowledge the duty to disclose information, which is material to patentability as defined in Title 37, Code of Federal Regulations, § 1.56, which became available between the filing date of the prior application(s) and the national or PCT international filing date of this application:

Application Serial No.	Filing Date	Status (patented, pending, abandoned)
N/A		

I hereby appoint the following attorney(s) and/or agent(s) to prosecute this application and to transact all business in the United States Patent and Trademark Office connected therewith:

Alan H. MacPherson (24,423); Brian D. Ogonowsky (31,988); David W. Heid (25,875); Norman R. Klivans (33,003); Edward C. Kwok (33,938); David E. Steuber (25,557); Michael Shenker (34,250); Stephen A. Terrile (32,946); Peter H. Kang (40,350); Ronald J. Meetin (29,089); Ken John Koestner (33,004); Omkar K. Suryadevara (36,320); David T. Millers (37,396); Kent B. Chambers (38,839); Michael P. Adams (34,763); Robert B. Morrill (43,817); Michael J. Halbert (40,633); Gary J. Edwards (41,008); William B. Tiffany (41,347); James E. Parsons (34,691); Daniel P. Stewart (41,332); Philip W. Woo (39,880); John T. Winburn (26,822); Tom Chen (42,406); Fabio E. Marino (43,339); William W. Holloway (26,182); Elaine H. Lo (41,158); Don C. Lawrence (31,975); Marc R. Ascolese (42,268); Carmen C. Cook (42,433); David G. Dolezal (41,711); Roberta P. Saxon (43,087); Bernice Chen (42,403); Mary Jo Bertani (42,321); Dale R. Cook (42,434); Sam G. Campbell (42,381); Matthew J. Brigham (44,047); Glen B. Choi (43,546); Hugh H. Matsubayashi (43,779); Margaret M. Kelton (44,182); Joseph T. VanLeeuwen (44,383); William C. Cray (27,627); Patrick D. Benedicto (40,909); Henry N. Garrana (27,887); Mark P. Kahler (29,178); Michelle M. Turner (35,724); Diana L. Roberts (36,654); and Anthony E. Peterman (38,270).

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